IN THE CLAIMS:

1. (Currently Amended) A subwoofer speaker apparatus comprising:

a subwoofer speaker housing comprising:

at least one subwoofer speaker;

a processor coupled to the at least one subwoofer speaker, the processor being configured to receive a first sound signal from an external source and generate a video signal based on the sound signal; and

a video output port configured to output the generated video signal,

wherein the processor is further configured to receive a second sound signal from a second external source, process the second sound signal based on only a plurality of adjustable subwoofer parameters, and output the processed second sound signal to the at least one subwoofer speaker,

wherein the at least one subwoofer speaker is only included in the speaker housing.

2-3. (Canceled)

4. (Original) The apparatus of Claim 1, wherein the external source is a microphone.

5. (Canceled)

6. (Previously Presented) The apparatus of Claim 4, further comprising a wireless remote control configured to allow user manipulation of the parameters.

7. (Previously Presented) The apparatus of Claim 4, wherein the housing further comprises a wireless communication component coupled to the processor, wherein the wireless

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

communication component is configured to receive signals from the wireless remote control that allows a user to manipulate at least one of the parameters.

8. (Previously Presented) The apparatus of Claim 7, wherein the wireless communication component includes an optical sensor.

9. (Previously Presented) The apparatus of Claim 4, wherein the processor is further configured to generate a test sound signal.

10. (Previously Presented) The apparatus of Claim 9, wherein the housing further comprises a port configured to output the test sound signal.

11. (Previously Presented) The apparatus of Claim 4, wherein the processor further receives changes to one of the plurality of parameters.

12. (Canceled)

13. (Previously Presented) The apparatus of Claim 10, wherein the subwoofer speaker housing further comprises volume controls configured to control output of the at least one subwoofer speaker.

14. (Previously Presented) The apparatus of Claim 10, wherein the subwoofer speaker housing further comprises an indicator light coupled to the processor.

15. (Previously Presented) The apparatus of Claim 1, wherein the subwoofer speaker housing further comprises at least one amplifier coupled to the at least one subwoofer speaker.

16. (Currently Amended) A sound system including a receiver, the sound system comprising:

a display;

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

a microphone;

a control device; and

a subwoofer speaker housing comprising:

at least one subwoofer speaker; and

a processor coupled to the at least one subwoofer speaker, the processor configured to receive a first sound signal from the receiver, a second sound signal received by the microphone, and a control signal generated by the control device, to process the first sound signal based on only a plurality of subwoofer parameters and output the processed sound signal to the at least one subwoofer speaker, to generate a video signal based on the second sound signal, and to send the generated video signal to the display,

wherein the display presents the received video signal,

wherein the at least one subwoofer speaker is only included in the speaker housing.

17. (Previously Presented) The system of Claim 16, wherein the processor is further configured to generate and send a test sound signal to the receiver.

18. (Previously Presented) The system of Claim 17, wherein the receiver generates the first sound signal based on the received test sound signal and sends the generated first sound signal to the processor for output to the at least one subwoofer speaker.

19. (Original) The system of Claim 18, wherein the generated a video signal includes a graphical user interface, the graphical user interface includes a frequency response graph of the sound signal received by the microphone.

20. (Previously Presented) The system of Claim 19, wherein the graphical user interface further includes an eight band parametric equalizer limited to subwoofer frequency bands.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

21. (Original) The system of Claim 20, wherein the graphical user interface further includes a parameters section configured to allow a user to set at least a portion of the plurality of parameters using the control device.

22. (Original) The system of Claim 21, wherein the portion of the plurality of parameters includes two or more of low pass crossover frequency, low pass crossover slope, subsonic frequency, subsonic slope, phase, and polarity.

23. (Canceled)

24. (Previously Presented) The system of Claim 16, wherein the housing further comprises a port mounted on the housing, the port configured to receive the generated video signal from the processor.

25. (Currently Amended) The system of Claim ~~23~~ 16, wherein the housing further comprises a port configured to receive sound signals from the processor.

26. (Currently Amended) The system of Claim ~~23~~ 16, wherein the housing further comprises a volume control configured to control output of the at least one subwoofer speaker.

27. (Previously Presented) The system of Claim 16, wherein the housing further comprises a wireless communication component coupled to the processor, and wherein the control device is a wireless remote control.

28. (Original) The system of Claim 27, wherein the wireless communication component is an optical sensor.

29. (Original) The system of Claim 27, wherein the wireless remote control includes one or more preset buttons configured to send a preset command signal to the processor, wherein the

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

processor processes sound signals according to parameters set in accordance with the received preset command signal.

30-38. (Canceled)

39. (Currently Amended) A method comprising:

receiving a first sound signal at a subwoofer speaker unit from a source external to the subwoofer speaker unit;

processing the first sound signal based on only a plurality of adjustable subwoofer parameters;

outputting the processed first sound signal to at least one subwoofer speaker included in the subwoofer speaker unit;

receiving at a processor included in the subwoofer speaker unit a second sound signal generated by a microphone;

generating a video signal by [[a]] the processor included in the subwoofer speaker unit based on the second sound signal; and

sending the generated video signal to a display coupled to the processor,

wherein the at least one subwoofer speaker is only included in the subwoofer speaker unit.

40. (Previously Presented) The method of Claim 39, further comprising:

generating a test sound signal by the processor; and

sending the generated test sound signal to a sound system coupled to the processor.

41. (Previously Presented) The method of Claim 40, further comprising:

generating an output test sound signal at the sound system based on the received test sound signal; and

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

sending the generated output test sound signal to one or more speakers coupled to the sound system and to the at least one subwoofer speaker of the subwoofer speaker unit via the processor.

42. (Original) The method of Claim 41, further comprising:

presenting the generated video signal on the display, wherein the presented video signal includes a graphical user interface, the graphical user interface includes a frequency response graph of the sound signal received by the microphone.

43. (Previously Presented) The method of Claim 42, wherein the graphical user interface further includes an eight band parametric equalizer limited to subwoofer frequency bands.

44. (Previously Presented) The method of Claim 43, wherein the graphical user interface further includes a parameters section configured to allow a user to set at least a portion of the plurality of parameters using a control device.

45. (Previously Presented) The method of Claim 44, wherein the portion of the plurality of parameters includes two or more of low pass crossover frequency, low pass crossover slope, subsonic frequency, subsonic slope, phase, and polarity.

46-72. (Canceled)

73. (Previously Presented) The apparatus of Claim 1, wherein the subwoofer speaker housing further comprises a port mounted on an exterior of the housing, the port configured to receive the generated video signal from the processor.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301